



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

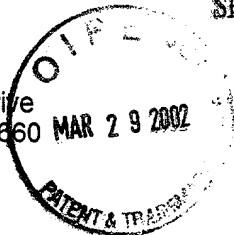
| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|---------------------|-----------------------|------------------------|
| 10/028,046         | 12/19/2001          | Dongho Song           | M-12002 US             |

CONFIRMATION NO. 2995

## FORMALITIES LETTER

Skjerven Morrill  
MacPherson LLP  
Suite 300

610 Newport Center Drive  
Newport Beach, CA 92660



SKJERVEN MORRILL MACPHERSON  
NEWPORT  
RECEIVED BY MAIL ROOM



\*OC000000007395756\*

**COPY**

Date Mailed: 01/31/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 130.**

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

*A copy of this notice **MUST** be returned with the reply.*

*Sawyer*

04/02/2002 CCHM 00000120 192385 10028046

01 FEB 05 130.00 CH

**PART 2 - COPY TO BE RETURNED WITH RESPONSE**

| Country | Year | Population (millions) | Urban population (millions) | Urban population (%) | Population density (per sq km) | Urban population density (per sq km) | Population growth rate (%) | Urban population growth rate (%) | Population growth rate (%) | Urban population growth rate (%) | Population growth rate (%) | Urban population growth rate (%) |
|---------|------|-----------------------|-----------------------------|----------------------|--------------------------------|--------------------------------------|----------------------------|----------------------------------|----------------------------|----------------------------------|----------------------------|----------------------------------|
| Algeria | 1980 | 12.1                  | 4.1                         | 33.9                 | 10.1                           | 10.1                                 | 1.8                        | 2.1                              | 1.8                        | 2.1                              | 1.8                        | 2.1                              |
| Algeria | 1985 | 13.1                  | 4.6                         | 35.1                 | 10.6                           | 10.6                                 | 2.1                        | 2.4                              | 2.1                        | 2.4                              | 2.1                        | 2.4                              |
| Algeria | 1990 | 14.1                  | 5.1                         | 36.2                 | 11.1                           | 11.1                                 | 2.4                        | 2.7                              | 2.4                        | 2.7                              | 2.4                        | 2.7                              |
| Algeria | 1995 | 15.1                  | 5.6                         | 37.1                 | 11.6                           | 11.6                                 | 2.7                        | 3.0                              | 2.7                        | 3.0                              | 2.7                        | 3.0                              |
| Algeria | 2000 | 16.1                  | 6.1                         | 37.9                 | 12.1                           | 12.1                                 | 3.0                        | 3.3                              | 3.0                        | 3.3                              | 3.0                        | 3.3                              |
| Algeria | 2005 | 17.1                  | 6.6                         | 38.6                 | 12.6                           | 12.6                                 | 3.3                        | 3.6                              | 3.3                        | 3.6                              | 3.3                        | 3.6                              |
| Algeria | 2010 | 18.1                  | 7.1                         | 39.2                 | 13.1                           | 13.1                                 | 3.6                        | 3.9                              | 3.6                        | 3.9                              | 3.6                        | 3.9                              |
| Algeria | 2015 | 19.1                  | 7.6                         | 39.8                 | 13.6                           | 13.6                                 | 3.9                        | 4.2                              | 3.9                        | 4.2                              | 3.9                        | 4.2                              |
| Algeria | 2020 | 20.1                  | 8.1                         | 40.3                 | 14.1                           | 14.1                                 | 4.2                        | 4.5                              | 4.2                        | 4.5                              | 4.2                        | 4.5                              |
| Algeria | 2025 | 21.1                  | 8.6                         | 40.8                 | 14.6                           | 14.6                                 | 4.5                        | 4.8                              | 4.5                        | 4.8                              | 4.5                        | 4.8                              |
| Algeria | 2030 | 22.1                  | 9.1                         | 41.2                 | 15.1                           | 15.1                                 | 4.8                        | 5.1                              | 4.8                        | 5.1                              | 4.8                        | 5.1                              |
| Algeria | 2035 | 23.1                  | 9.6                         | 41.6                 | 15.6                           | 15.6                                 | 5.1                        | 5.4                              | 5.1                        | 5.4                              | 5.1                        | 5.4                              |
| Algeria | 2040 | 24.1                  | 10.1                        | 42.0                 | 16.1                           | 16.1                                 | 5.4                        | 5.7                              | 5.4                        | 5.7                              | 5.4                        | 5.7                              |
| Algeria | 2045 | 25.1                  | 10.6                        | 42.4                 | 16.6                           | 16.6                                 | 5.7                        | 6.0                              | 5.7                        | 6.0                              | 5.7                        | 6.0                              |
| Algeria | 2050 | 26.1                  | 11.1                        | 42.8                 | 17.1                           | 17.1                                 | 6.0                        | 6.3                              | 6.0                        | 6.3                              | 6.0                        | 6.3                              |
| Algeria | 2055 | 27.1                  | 11.6                        | 43.2                 | 17.6                           | 17.6                                 | 6.3                        | 6.6                              | 6.3                        | 6.6                              | 6.3                        | 6.6                              |
| Algeria | 2060 | 28.1                  | 12.1                        | 43.6                 | 18.1                           | 18.1                                 | 6.6                        | 6.9                              | 6.6                        | 6.9                              | 6.6                        | 6.9                              |
| Algeria | 2065 | 29.1                  | 12.6                        | 44.0                 | 18.6                           | 18.6                                 | 6.9                        | 7.2                              | 6.9                        | 7.2                              | 6.9                        | 7.2                              |
| Algeria | 2070 | 30.1                  | 13.1                        | 44.4                 | 19.1                           | 19.1                                 | 7.2                        | 7.5                              | 7.2                        | 7.5                              | 7.2                        | 7.5                              |
| Algeria | 2075 | 31.1                  | 13.6                        | 44.8                 | 19.6                           | 19.6                                 | 7.5                        | 7.8                              | 7.5                        | 7.8                              | 7.5                        | 7.8                              |
| Algeria | 2080 | 32.1                  | 14.1                        | 45.2                 | 20.1                           | 20.1                                 | 7.8                        | 8.1                              | 7.8                        | 8.1                              | 7.8                        | 8.1                              |
| Algeria | 2085 | 33.1                  | 14.6                        | 45.6                 | 20.6                           | 20.6                                 | 8.1                        | 8.4                              | 8.1                        | 8.4                              | 8.1                        | 8.4                              |
| Algeria | 2090 | 34.1                  | 15.1                        | 46.0                 | 21.1                           | 21.1                                 | 8.4                        | 8.7                              | 8.4                        | 8.7                              | 8.4                        | 8.7                              |
| Algeria | 2095 | 35.1                  | 15.6                        | 46.4                 | 21.6                           | 21.6                                 | 8.7                        | 9.0                              | 8.7                        | 9.0                              | 8.7                        | 9.0                              |
| Algeria | 2100 | 36.1                  | 16.1                        | 46.8                 | 22.1                           | 22.1                                 | 9.0                        | 9.3                              | 9.0                        | 9.3                              | 9.0                        | 9.3                              |
| Algeria | 2105 | 37.1                  | 16.6                        | 47.2                 | 22.6                           | 22.6                                 | 9.3                        | 9.6                              | 9.3                        | 9.6                              | 9.3                        | 9.6                              |
| Algeria | 2110 | 38.1                  | 17.1                        | 47.6                 | 23.1                           | 23.1                                 | 9.6                        | 9.9                              | 9.6                        | 9.9                              | 9.6                        | 9.9                              |
| Algeria | 2115 | 39.1                  | 17.6                        | 48.0                 | 23.6                           | 23.6                                 | 9.9                        | 10.2                             | 9.9                        | 10.2                             | 9.9                        | 10.2                             |
| Algeria | 2120 | 40.1                  | 18.1                        | 48.4                 | 24.1                           | 24.1                                 | 10.2                       | 10.5                             | 10.2                       | 10.5                             | 10.2                       | 10.5                             |
| Algeria | 2125 | 41.1                  | 18.6                        | 48.8                 | 24.6                           | 24.6                                 | 10.5                       | 10.8                             | 10.5                       | 10.8                             | 10.5                       | 10.8                             |
| Algeria | 2130 | 42.1                  | 19.1                        |                      |                                |                                      |                            |                                  |                            |                                  |                            |                                  |

04-01-02  
A

MP#



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Song, Dongho  
Title: Invisible File Technology For Recovering Or Protecting A Computer File System  
Serial No.: 10/028,046 Filing Date: December 19, 2001  
Docket No.: M-12002 US

Newport Beach, California  
March 29, 2002

BOX MISSING PARTS  
COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

RESPONSE TO NOTICE TO FILE MISSING PARTS OF NON-  
PROVISIONAL APPLICATION - FILING DATE GRANTED

Dear Sir:

In response to the "Notice to File Missing Parts of Non-Provisional Application - Filing Date Granted" mailed by the United States Patent and Trademark Office on January 31, 2002, the following documents are enclosed to complete the filing of the above-identified patent application:

1. A declaration signed by the inventors in compliance with 37 CFR 1.63.
2. Substitute Drawings in compliance with 37 CFR 1.84; and
3. Copy of Notice to File Missing Parts of Non-Provisional Application - Filing Date Granted.

The United States Patent and Trademark Office is hereby authorized to charge the following fees to Deposit Account No. 19-2386:

- |    |   |           |
|----|---|-----------|
| 1. | Surcharge for filing declaration on a date later than the filing date of the application. | \$130.00  |
| 2. | Statutory basic filing fee.   |           |
| 3. | TOTAL FEES:   | \$ 130.00 |

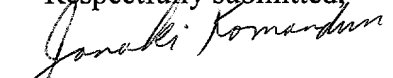
The Commissioner is hereby authorized to charge any additional fees, which may be required, or credit any overpayment to Deposit Account No. 19-2386.

It is hereby respectfully submitted that the enclosed documents complete the filing of the above patent application and justify the filing date of December 19, 2001. Please telephone the undersigned at (949) 718-5200, if there are any questions. This form is being submitted in duplicate.

EXPRESS MAIL LABEL NO:

EL 849436022US

Respectfully submitted,



Janaki Komanduri  
Attorney for Applicant(s)  
Reg. No. 40,684

LAW OFFICES OF  
SKJERVEN MORRILL  
MacPHERSON LLP

25 METRO DRIVE  
SUITE 700  
SAN JOSE, CA 95110  
(408) 453-9200  
FAX (408) 453-7979



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Dongho Song  
Title: Invisible File Technology For Recovering Or Protecting A Computer File System  
Serial No.: 10/028,046 Filing Date: December 19, 2001  
Docket No.: M-12002 US

San Jose, California  
March 29, 2002

Attn: Official Draftsperson  
COMMISSIONER FOR PATENTS  
Washington, D. C. 20231

**SUBMISSION OF FORMAL DRAWINGS**

Dear Sir:

Applicant(s) submit(s) twenty-three (23) sheets of formal drawings, consisting of Figures 1, 2, 3, 4A, 4B, 5A, 5B, 6A, 6B, 7A, 7B, 7C, 8, 9, 10, 11, 12, 13A, 13B, 14, 15A, 15B, and 15C, in the above-named application. If there are any questions regarding these drawings, please call the undersigned at (949) 718-5200.

EXPRESS MAIL LABEL NO:

EL849436022US

Respectfully submitted,

*Janaki Komanduri*  
Janaki Komanduri  
Attorney for Applicant(s)  
Reg. No. 40,684

LAW OFFICES OF  
SKJERVEN MORRILL  
MacPHERSON LLP

25 METRO DRIVE  
SUITE 700  
SAN JOSE, CA 95110  
(408) 453-9200  
FAX (408) 453-7979